

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A method for data communication between processing machines, comprising:

receiving a message produced by a first processing machine at a database server, the message being transmitted via socket protocol and received in a predetermined socket;

analyzing the received message in the database server;

storing the received message in a file system included in the database server, when the received message is processing includes data processed by the first processing machine; and

transforming the received message into a database instruction when the received message is an a simplified instruction, the transforming including dynamically identifying a structured query language (SQL) instruction from the simplified instruction;

executing the SQL instruction to produce a result; and

sending the result to the first processing machine, wherein the message was produced as a result of processing within the first processing machine and the processing required the result to continue, and wherein the first processing machine receives a result set and resumes processing.

Claim 2 (Original): The method of claim 1, wherein the message produced by the first processing machine includes a header formatted to identify whether the message is a database instruction.

Claim 3 (Original): The method of claim 2, wherein analyzing the received message in the database server includes analyzing the header of the message to determine if the message includes the database instruction.

Claims 4-7 (Canceled).

Claim 8 (Currently Amended): The method of claim 1, wherein the database server includes processing by a daemon and wherein transforming the received message includes transforming the received message in the daemon.

Claim 9 (Currently Amended): The method of claim 8, wherein the daemon monitors a the predetermined socket for messages from the first processing machine.

Claim 10 (Original): The method of claim 1, wherein the message produced by the first processing machine is transmitted to the database server as data included in the message that is produced.

Claim 11 (Original): The method of claim 1, wherein the message being transmitted via socket protocol includes being transmitted via TCP/IP protocol.

Claim 12 (Currently Amended): A system for communicating data between processing machines comprising:

a database server;
at least one processing machine capable of communicating with the database server via a socket protocol and via a predetermined socket;
a network for coupling the at least one processing machine to the database server; and
a daemon included within the database server, the daemon being capable of monitoring the predetermined socket for a message from a first processing machine of the at least one processing machine, and the daemon being further capable of storing the received message in a file system included in the database server, when the received message includes data processed by the first processing machine, determining if a message received from the at least one processing machine is a simplified database instruction, transforming the received message into a database instruction when the received message is a simplified instruction, the transforming including dynamically identifying a structured query language (SQL) instruction from the simplified instruction, executing the SQL instruction to produce a result, and sending the result to the first processing machine, wherein the message was produced as a result of processing within the first processing machine and the processing required the result to continue, and wherein the first processing machine receives a result set and resumes processing.

Claim 13 (Canceled).

Claim 14 (Original): The system of claim 12, wherein each of the at least one processing machine includes a corresponding operating system.

Claim 15 (Original): The system of claim 14, wherein the corresponding operating systems can be different for different processing machines, wherein the at least one processing machine is one of the different processing machines.

Claim 16 (Original): The system of claim 12, wherein a header of the received message includes an identification of the message as including the database instruction.

Claim 17 (Original): The system of claim 16, wherein the daemon executes dynamic language compiling.

Claim 18 (Original): The system of claim 17, wherein the dynamic language compiling includes SQL language compiling that has the capability of converting the message to an SQL instruction.

Claim 19 (Original): The system of claim 12, wherein the at least one processing machine is capable of communicating with the database server via a TCP/IP protocol.

Claims 20-22(Canceled).